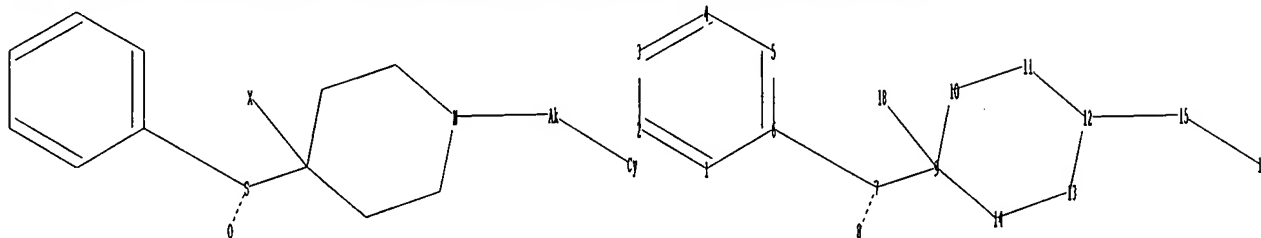


EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2459	514/317.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 15:33
L2	2480	L! and 5HT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 15:33
L3	70	L1 and 5HT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 15:33

Print selected from 10552931.trn

Uploading C:\Program Files\Stnexp\Queries\10552931halo.str



chain nodes :

7 15 16 18

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

ring/chain nodes :

8

chain bonds :

6-7 7-8 7-9 9-18 12-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

6-7 7-8 7-9 9-10 9-14 10-11 11-12 12-13 12-15 13-14 15-16

exact bonds :

9-18

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:Atom 18:CLASS

Element Count :

Node 16: Limited

C,C6-8

S,S0-1

N,N0-1

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

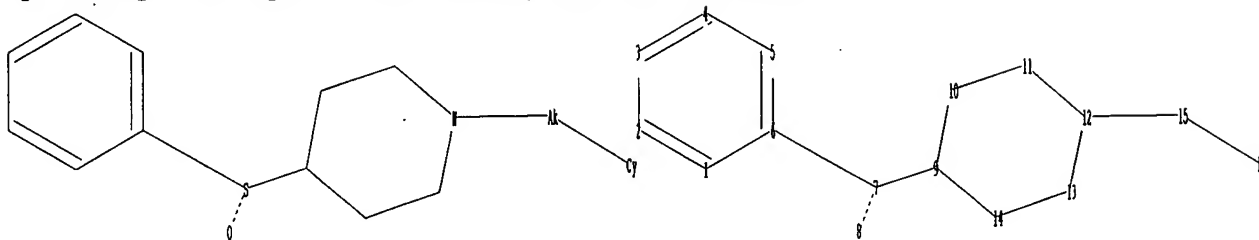
=> screen 1968

Print selected from 10552931.trn

L3 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10552931fluoro.str



chain nodes :

7 8 15 16

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

chain bonds :

6-7 7-8 7-9 12-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

6-7 7-8 7-9 9-10 9-14 10-11 11-12 12-13 12-15 13-14 15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:Atom

Element Count :

Node 16: Limited

C,C6-8

S,S0-1

N,N0-1

L4 STRUCTURE UPLOADED

=> que L4 AND L3

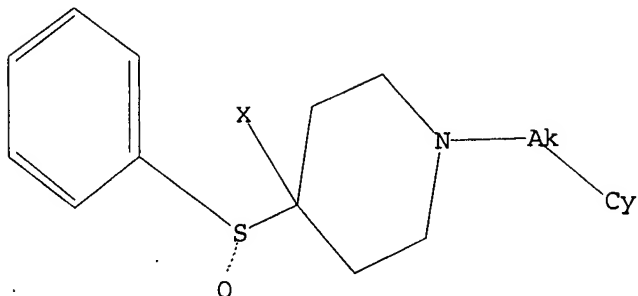
L5 QUE L4 AND L3

=> d 11

L1 HAS NO ANSWERS

L1 STR

Print selected from 10552931.trn



Structure attributes must be viewed using STN Express query preparation.

=> d 13

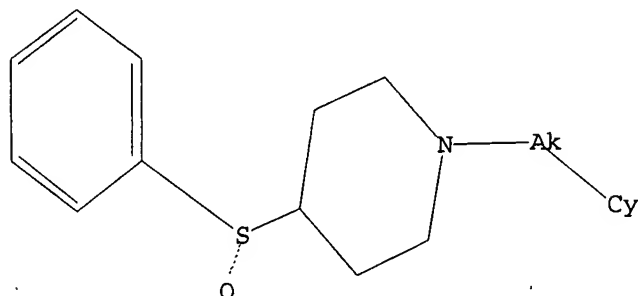
L3 HAS NO ANSWERS

L3 SCR 1968

=> d 14

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15 or 12

L5 MAY NOT BE USED HERE

The L-number entered was not created by a STRUCTURE or SCREEN command.

=> s 15

SAMPLE SEARCH INITIATED 11:13:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 125 TO ITERATE

100.0% PROCESSED 125 ITERATIONS

SEARCH TIME: 00.00.01

17 ANSWERS

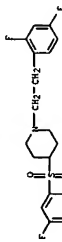
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1830 TO 3170

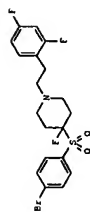
PROJECTED ANSWERS: 93 TO 587

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L6 17 SEA SSS SAM L4 AND L3



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19

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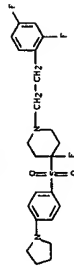
Page 26

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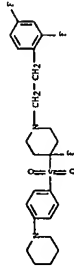


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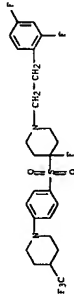




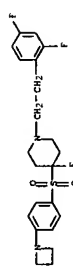
RN 797750-13-1 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



RN 797750-14-2 CASUS
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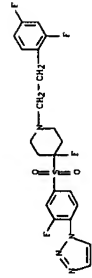


RN 797750-15-3 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)

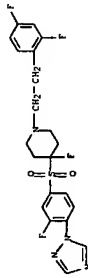


RN 797750-16-4 CASUS
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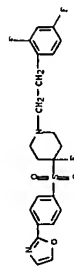
RN 797750-22-2 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



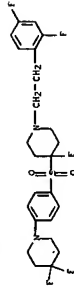
RN 797750-23-3 CASUS
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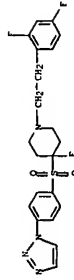
RN 797750-24-4 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



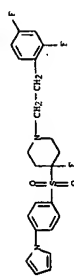
RN 797750-25-5 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



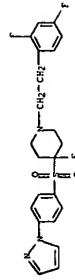
RN 797750-17-5 CASUS
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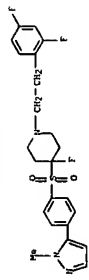
RN 797750-18-6 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



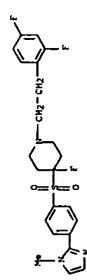
RN 797750-19-7 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



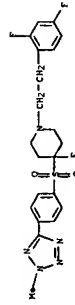
RN 797750-20-0 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



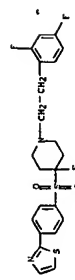
RN 797750-24-6 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



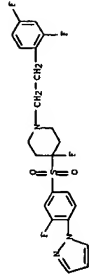
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CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



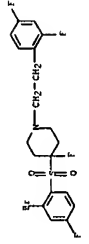
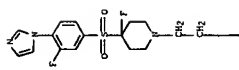
RN 797750-28-9 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



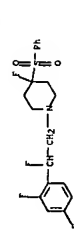
RN 797750-29-0 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



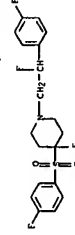
RN 797750-21-1 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



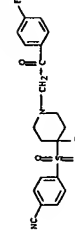
RN 797750-30-2 CASUS
CN Piperidine, 1-(2-(2,4-difluorophenyl)ethyl)-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



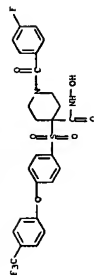
RN 797750-32-4 CASUS
CN Piperidine, 4-fluoro-2-(4-(difluorophenyl)-2-fluorophenyl)ethyl]-4-fluoro-4'-(1-(1,2,4-triazol-5-yl)phenyl)sulfonyl- (PCI) (CA INDEX NAME)



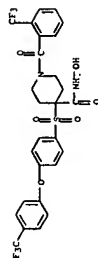
RN 797750-33-5 CASUS
CN Benzonitrile, 4-((4-fluoro-1-((4-(difluorophenyl)-2-oxoethyl)-4-phenylthio)phenyl)sulfonyl)- (PCI) (CA INDEX NAME)



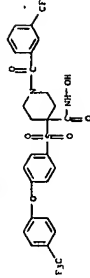
RN 797750-34-6 CASUS



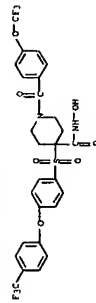
RN	309822-90-4	CAPJUS
CN	4-piperidinecarboxamide, N-hydroxy- [2-(trifluoromethyl)benzoyl]-4- [4- (trifluoromethyl)phenoxy]phenylsulfonyl]- (9CI) (CA INDEX NAME)	



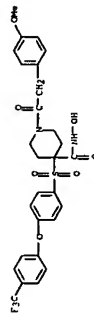
RN 308822-91-5 CAPLUS
 CN 4-Piperidinecarboxamide, N-hydroxy-1-[3-(trifluoroacetyl)benzoyl]-4-[[4-(trifluoroacetyl)phenoxy]phenylsulfonyl]- (9CI) (CA INDEX NAME)



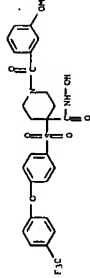
RN	308822-92-6	CAPLUS
CN	4-Piperidinecarboxamide, N-hydroxy-1-(phenylacetyl)-4-[[4-(trifluoromethyl)phenyl]sulfonyl]- (3CI) (CA INDEX NAME)	



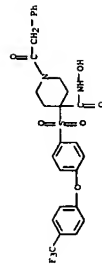
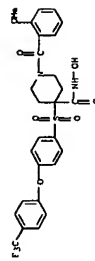
RN	30823-09-7	CAFLUS
CN	4-Piperidinecarboxamide, N-hydroxy-3-[(4-ethoxyphenyl)sulfonyl]-4-[(4-{(trifluoromethyl)phenyl)sulfonyl}-5C)] (CA [INDEX NAME])	



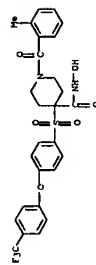
RN	30823-09-8	CAFLJ5
CN	4-Piperidinecarboxamide, N-hydroxy-1-(3-methoxybenzoyl)-4-[[4-(4-(trifluoromethyl)phenoxy)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)	



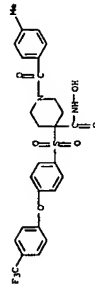
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CN	4-Piperidinecarboxamide, N-hydroxy-(2-methoxybenzoyl)-4-[[4-(4-(trifluoromethyl)phenoxy)phenyl]sulfonyl]- (3CI) (CA INDEX NAME)	



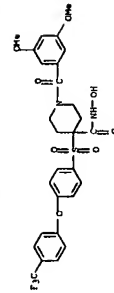
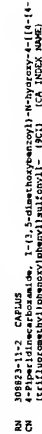
EN	308922-93-7	CAPLUS
CN	4-Piperidinecarboxamide, N-hydroxy-1-(2-methylbenzoyl)-4-[[4-(4-cyano-2-fluoromethylphenyl)phenyl]sulfonyl]- (9CI)	(CA INDEX NAME)



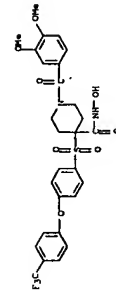
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309622-94-9	CAPLUS
4-Piperidinecarboxalide, N-hydroxy-1-(4-methylbenzoyl)-4-{{(4-{(trifluoromethyl)phenoxy}phenyl)sulfonyl}- (9CI) (CA INDEX NAME)	



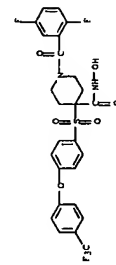
Run	308522-96-0	CAPLUS
CN	4-Piperidinecarboxamide, N-hydroxy-1-(4-methoxybenzoyl)-4-[[4-[(trifluoromethyl)phenoxy]phenyl]sulfonyl]- [9CI] (CA INDEX NAME)	



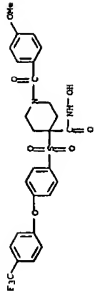
4-piperidinecarboxamide, 1-(3,4-dimethoxybenzoyl)-N-hydroxy-4-[[4-(4-chloromethylphenyl)phenyl]sulfonyl]- (CA, TMDX, NAMP)



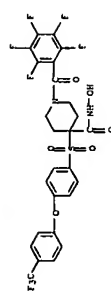
RN 30823+1)-4 CAPLUS
CN 4-Piperidinecarboxamide, 1-(2,5-difluorobenzoyl)-N-hydroxy-4-{[4-(4-fluorophenyl)phenyl]ethoxy}-1-methyl-, 2,6-dichloro-
(CA INVENT NMP)



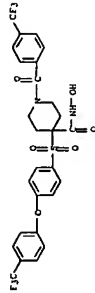
RN 300023-15-6 CAPLUS



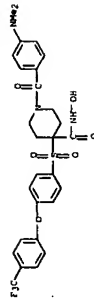
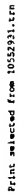
RN 30823-04-3 CAPLUS
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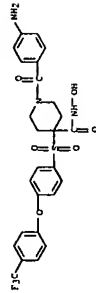
308823-06-5 CAPLUS
4-piperidinocarboxamide, N-hydroxy-1-(4-(trifluoromethyl)benzoyl)-4-[(4-(trifluoroethyl)phenoxy)phenylsulfonyl]- (PCI) (CA INDEX NAME)



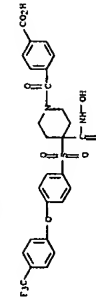
FN 308923-07-6 CAPLUS
 CN 4-Piperidinecarboxalide, N-Hydroxy-1-[4-(trifluoromethoxy)benzoyl]-4-[[4-
 [[-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN	308823-34-9	CAPLUS
CN	4-Piperidinecarboxamide, 1-(4-aminobenzoyl)-N-hydroxy-4-{{[4-(trifluoromethyl)phenoxy]phenyl}sulfonyl}-(9CI) [CA INDEX NAME]	



RN	308823-35-0	CAPLUS
CN	Benzoic acid, 4-[[4-[(hydroxyamino)carbonyl]-4-[[4-(trifluoroethyl)phenoxy]phenyl]sulfonyl]-1-piperidinyl]carbonyl]-	(9CI)



RN	CN	NAME
308525-28-7	CAPLUS	4-piperidinecarboxalide, 1-((3,5-dichlorophenyl)methyl)-N-hydroxy-4-(((4-(trifluoromethoxy)phenyl)sulfonyl)-, monochloride (9CI) (CA



GI



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63492-96-9 CAPTUS
4-Piperidinecarboxylic acid, 1-(phenylethyl)-4-[(4'-{1,1,2,2-tetrafluoroethyl},1-biphenyl)-4-ylsulfonyl]-, 1,1-dimethylethyl ester (9CI) [CA INDEX NAME]



639497-12-4 CAPLUS

BN 639497-41-9 CAPTAINS

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IT 476189-58-3

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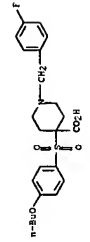
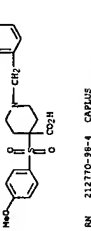
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GI



Page 54

[illegible]

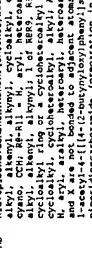
Page 56

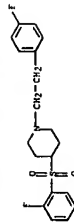
IT 413227-73-8
of the corresponding autophagosome, lysosome, and/or endosome. It may be used as a chemopreventive agent for treating carcinoma or sarcoma.

RI: PAC (Pharmacological activity); TMU (Therapeutic use); BIOL (Biological study); USFS (Uses)

(substances that bind to the sigma receptor for combating sarcoma and carcinoma) CAPUS

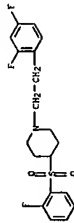
BN 413242-73-8
Rimodone 1-(2-(4-(4-fluorophenyl)butyl)-4-(2-naphthalenyl)pyrrolidin-1-yl)-1H-imidazole-5-carboxamide

[illegible]



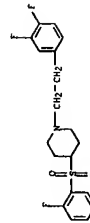
● HCl

RN 34965-99-8 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



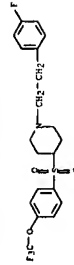
● HCl

RN 34965-99-9 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-methoxyphenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



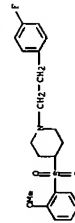
● HCl

RN 34965-99-6 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



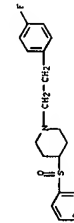
● HCl

RN 34965-10-7 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-methoxyphenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-methoxyphenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



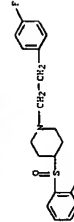
● HCl

RN 34965-11-8 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-methoxyphenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-methoxyphenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



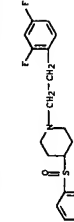
● HCl

RN 34965-12-9 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-methoxyphenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-methoxyphenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



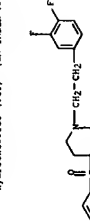
● HCl

RN 34965-04-9 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



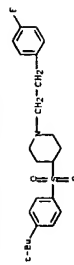
● HCl

RN 34965-04-9 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



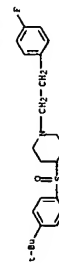
● HCl

RN 34965-04-1 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



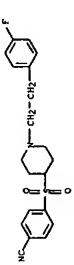
● HCl

RN 34965-14-6 CASUS
CN Piperidine, 4-((1-(1,2-dimethylphenyl)sulfonyl)-1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-2-((4-fluorophenyl)sulfonyl)-1H-piperidin-1-yl)-1H-piperidine, hydrochloride (PCI) (CA INDEX NAME)



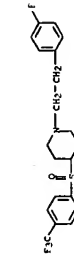
● HCl

RN 34965-14-1 CASUS
CN Piperidine, 4-((1-(1,2-dimethylphenyl)sulfonyl)-4-epipiperidin-1-yl)-1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-2-((4-fluorophenyl)sulfonyl)-1H-piperidine, hydrochloride (PCI) (CA INDEX NAME)



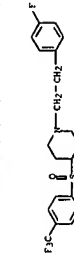
● HCl

RN 34965-17-4 CASUS
CN Piperidine, 4-((1-(1,2-dimethylphenyl)sulfonyl)-1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-2-((4-fluorophenyl)sulfonyl)-1H-piperidin-1-yl)-1H-piperidine, hydrochloride (PCI) (CA INDEX NAME)



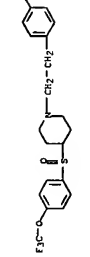
● HCl

RN 34965-07-2 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



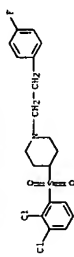
● HCl

RN 34965-08-3 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



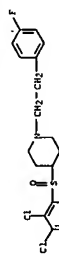
● HCl

RN 34965-09-4 CASUS
CN Piperidine, 1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-4-((2-fluorophenyl)sulfonyl)-, hydrochloride (PCI) (CA INDEX NAME)



● HCl

RN 34965-18-5 CASUS
CN Piperidine, 4-((1-(1,2-dichlorophenyl)sulfonyl)-1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-2-((4-fluorophenyl)sulfonyl)-1H-piperidin-1-yl)-1H-piperidine, hydrochloride (PCI) (CA INDEX NAME)



● HCl

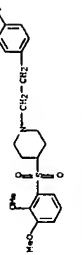
RN 34965-23-2 CASUS
CN Piperidine, 4-((1-(1,2-dichlorophenyl)sulfonyl)-4-epipiperidin-1-yl)-1-[2-((4-fluorophenyl)ethyl)-4-((2-fluorophenyl)sulfonyl)-1H-piperidin-1-yl]-2-((4-fluorophenyl)sulfonyl)-1H-piperidine, hydrochloride (PCI) (CA INDEX NAME)



EN	34965-24-3	CAPLUS
CN	Quinoline, 6-[[1-[2-(4-fluorophenyl)ethyl]-4-piperidinyl]sulfinyl]-, monohydrochloride (salt) (CA INDFX NAME)	



CH
piperidine, 1-[2-(4-fluorophenyl)ethyl]-4-[(4-



CV
piperidine, 4-([2,3-dimethoxyphenyl)sulfinyl]-1-[2-(4-fluorophenyl)ethyl]-
(9CI) (CA INDEX NAME)



This invention provides low-molecular-weight, non-peptide inhibitors of matrix metalloproteinases (MMPs) and TNF- α -converting enzyme (TACE), useful for the treatment of a wide variety of related conditions, including arthritis, tumor metastasis, tissue ulceration, abnormal wound healing, periodontal disease, bone disease, diabetes (insulin resistance), and HIV infection. The compounds have formula R1AC(R2R3)CO(NH)R4 [wherein R1 = substituted aryl, alkyl or cycloalkyl; R2=acyl, heteroacyl, heterocyclyl, functionalized alkyl/mvnyl, acyl, cycloalkyl, heterocycloalkyl, heterocyclyl,

RN	34965-28-7	CAPLUS
CN	Piperidine, 4-[(2,4-dimethoxyphenyl)sulfinyl]-1-[2-(4-fluorophenyl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)	

CA INDEX NAME

CN	CA INDEX NAME
piperidine, 1-[2-(4-fluorophenyl)ethyl]-4-[(4-methylsulfinyl)phenyl]sulfinyl-, hydrochloride (9CI)	

nucleoside ring containing cytosine, uracil, or thymine; or heterocyclic diols such as adenine, guanine, xanthine, hypoxanthine, inosine, or deoxyribose). For example, [2-naphthylamino-1-methyl-5-chloroethyl]amine (prepared in 2 steps) was cyclized with 4-MeOCH₂HCHOHClC(=O)OH to give a pyridine derivative (52V), followed by saponification of the ester to the acid (53X) and amidation with NH₄OH·HCl (53N), to give title compound 1. This compound gave the following inhibitions [IC₅₀, nM]: Mmp-3 368, Mmp-9 3.0, Mmp-13 1.6, and ACE 170.7 (in vitro).

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

212770-96-2	CAPUS	4-piperidinecarboxylic acid, 1-[(4-fluorophenyl)methyl]-4-(4-methoxyphenyl)sulfonyl-, ethyl ester (9CI) (CA INDEX NAME)
212770-96-2	CAPUS	4-piperidinecarboxylic acid, 1-[(4-fluorophenyl)methyl]-4-(4-methoxyphenyl)sulfonyl-, ethyl ester (9CI) (CA INDEX NAME)



4-Piperidinecarboxylic acid, 1-[(4-fluorophenyl)methyl]-4-[(4-methoxybenzyl)sulfonyl]- (ACI INDEX NAME)



CN 4-piperidinecarboxylic acid, 4-[[4-butoxyphenyl)sulfonyl]-1-[(4-fluorophenyl)methyl]-, ethyl ester (9C1) (CA INDEX NAME)

2001; 425735 Document No. 136:247481 Synthesis and biological activities of new 5-HT_{2A} selective ligands N-substituted-piperidyl-4-phenylthioether and sulfone derivatives. Meng, Hao; Wen, Rao; Huang, Lai Innia; Robert, B.J. Tang, Pingzhong (Department of Medical Chemistry, Fudan University, Shanghai, 200032, Peop. Rep. China). *Yaoxue Xuebao*, 56(14), 274-277, 2001, 136:247481. COSY: YHFAF. ISSN: 0513-4870. OTHER SOURCES: CASRDAC (Chinese) 2001. Publisher: Yaoxue Xuebao (English).

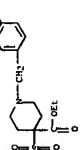


● HCl

acid compounds 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840,

IT 403848-68-OP 403848-70-4P
 RI: RSU (biological study, unclassified); PAC (Pharmacological activity);
 SPM (Synthetic preparation); BIOL (Biological study); PGP (Preparation)
 N-substituted-piperidyl-4-phenylthioether and sulfone derivs.)
 403848-68-0 CAPUS
 Piperidine, 4-[(2,3-dimethoxyphenyl)sulfonyl]-1-[2-(4-fluorophenyl)ethyl]-
 [91C1] [CA INDEX NAME]

CH Piperidine, 4-[2,3-dimethoxyphenyl)sulfonyl]-1-[2-(4-fluorophenyl)ethyl]-
[9CI] (CA INDEX NAME)



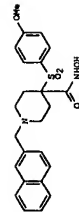
4-Piperidinecarboxylic acid, 4-[(4-butoxyphenyl)sulfonyl]-1-[(4-fluorophenyl)methyl]- (CA INDEX NAME)



1.	MD	(biological assay or effector, except adverse); ADU (biological study, unclassified); SPN (synthetic preparation); TMO (therapeutic use); BLD (biological study); PEP (preparation); USES (uses)
		(preparation of organic sulfinyl/sulfiny/sulfonyl-substituted β -hydroxyamides)
2.	SW	matrix metalloproteinase inhibitors
3.	CH	Chitosan
4.	NC	4-Fenylidenecarbazole, 1-[(4-fluorophenyl)methyl]-4-hydroxy-4-(4-carboxyphenyl)pyrazolin-5-one [C(=O)c1ccc(cc1)-c2cc(C(=O)N3CC=C(C=C3)C4=CC=CC=C4F)nn2]



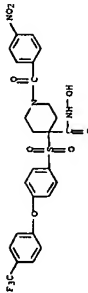
4-Piperidinecarboxamide, 4-[[4-butoxyphenyl)sulfonyl]-1-[(4-fluorophenyl)methyl]-N-hydroxy- (CA INDEX NAME)



GY

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GI



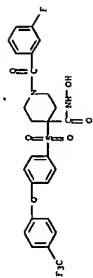
Page 88

14

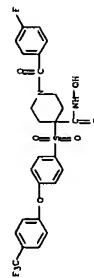
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308822-08-0P	308822-08-1P	308822-09-4P
308822-31-5P	308822-91-6P	308822-93-7P
308822-94-0P	308822-96-0P	308823-04-3P
308823-06-5P	308822-07-6P	308823-08-7P
308823-09-0P	308823-10-1P	308823-11-2P
308823-12-3P	308823-13-4P	308823-15-6P

FC1=CC=C(C=C1)Oc2ccccc2C(=O)N3CCCCC3C(=O)C(=O)c4ccccc4C(F)(F)F

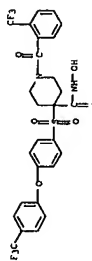
30882-08-0 CASUS
4-Piperidinecarboxamide, 1-(3-(1-methoxy-4-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



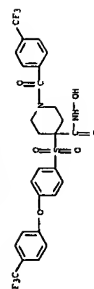
30882-09-1 CASUS
4-Piperidinecarboxamide, 1-(4-(1-methoxy-4-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



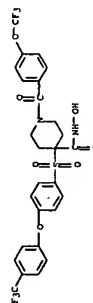
30882-30-4 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(2-(trifluoromethyl)benzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



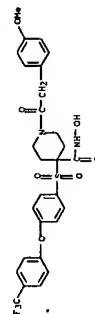
30882-31-5 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(3-(trifluoromethyl)benzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



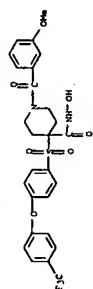
30882-07-6 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-(1-methoxy-4-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



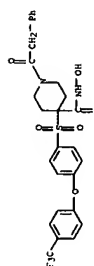
30882-09-7 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-methoxyphenyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



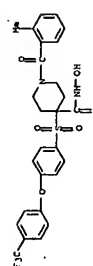
30882-09-8 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-methoxyphenyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



30882-32-6 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(phenyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)

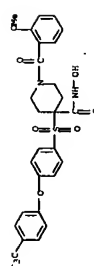


30882-33-7 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(2-methylbenzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)

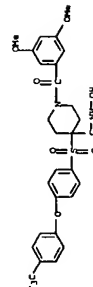


30882-34-8 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-methylbenzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)

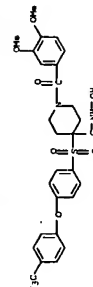
30882-10-1 CASUS
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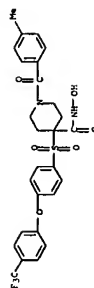
30882-11-2 CASUS
4-Piperidinecarboxamide, 1-(3,5-dimethylbenzoyl)-N-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



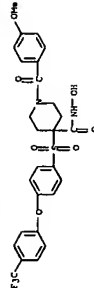
30882-12-1 CASUS
4-Piperidinecarboxamide, 1-(3,4-dimethylbenzoyl)-N-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



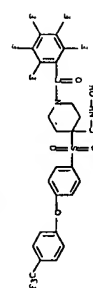
30882-13-4 CASUS
4-Piperidinecarboxamide, 1-(2,5-difluorobenzoyl)-N-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



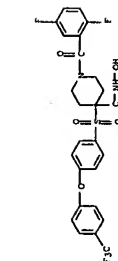
30882-06-0 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-methylbenzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



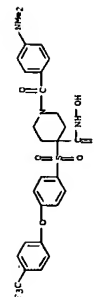
30882-04-3 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(pentafluorobenzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



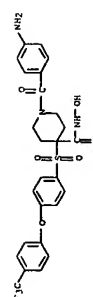
30882-06-5 CASUS
4-Piperidinecarboxamide, N-hydroxy-1-(4-(trifluoromethyl)benzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



30882-15-5 CASUS
4-Piperidinecarboxamide, 1-(4-(dimethylamino)benzoyl)-N-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



30882-14-9 CASUS
4-Piperidinecarboxamide, 1-(4-methoxybenzoyl)-N-hydroxy-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)



30882-13-0 CASUS
4-Piperidinecarboxamide, 1-(4-(hydroxymethyl)benzoyl)-4-[[4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-(CA INDEX NAME)

